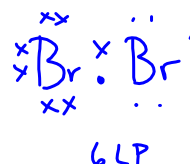
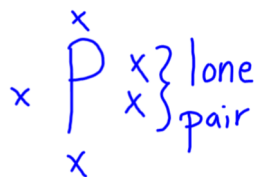
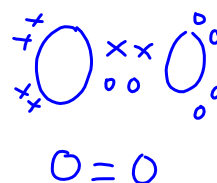


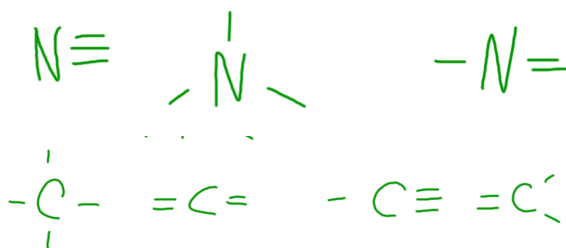
Lone pair—a pair of electrons that are not involved in a bond.



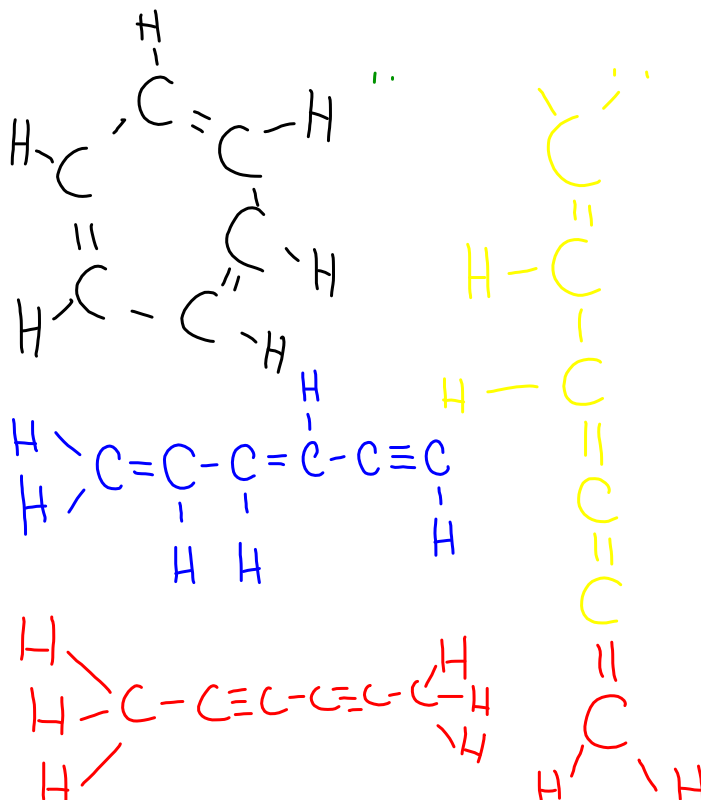
Bonding pair—a pair of electrons that are a part of a bond. (It could also be a group of 4 or 6 when looking at 3D shapes)



Single/Double/Triple bonds

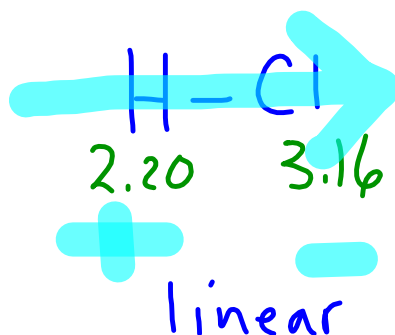
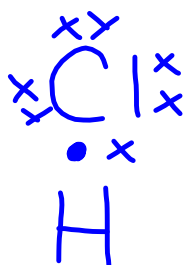


Draw a structural diagram for C_6H_6

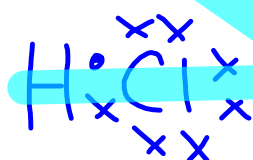


7a) Lewis dot diagram Structural $\frac{\text{Polar}}{\text{NP}}$

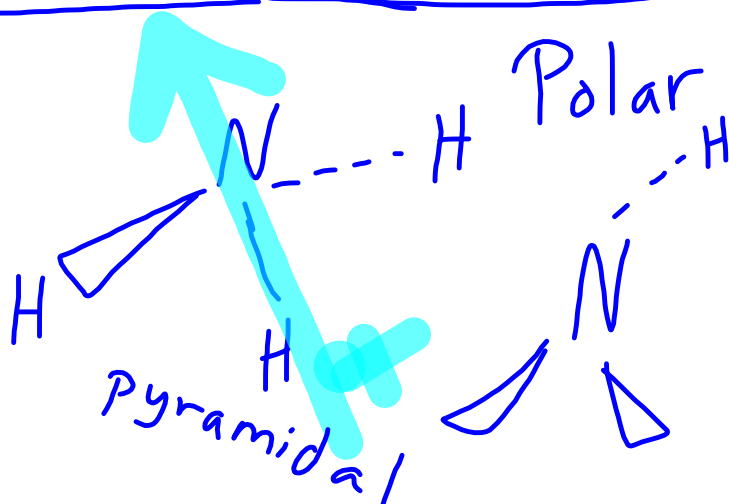
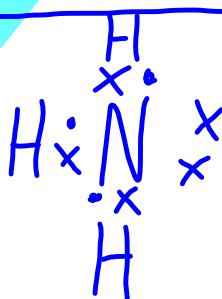
HCl



Polar



b) NH_3



c) H_2S

